

Server Power Supply Efficiency Test Report

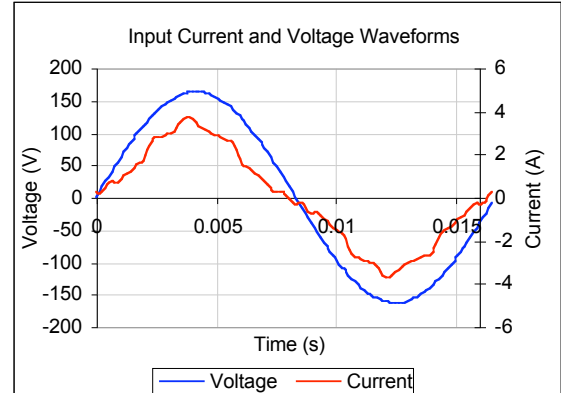
PS Report.2.3.Ver 0.06.30.04

Serial Number	2
Specimen No.	3
Manufacturer	Delta Electronics
Model	DPS-350PB
Serial	GEQT461159
Year	N/A
Type	EPS1U
Test Date	6/30/04



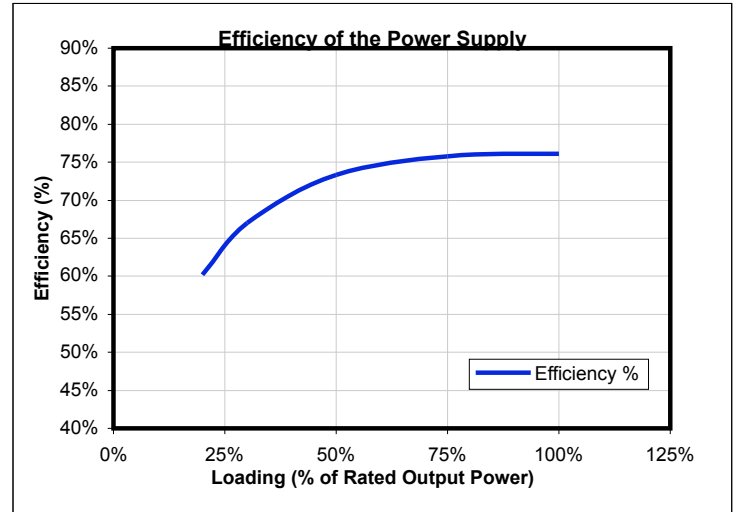
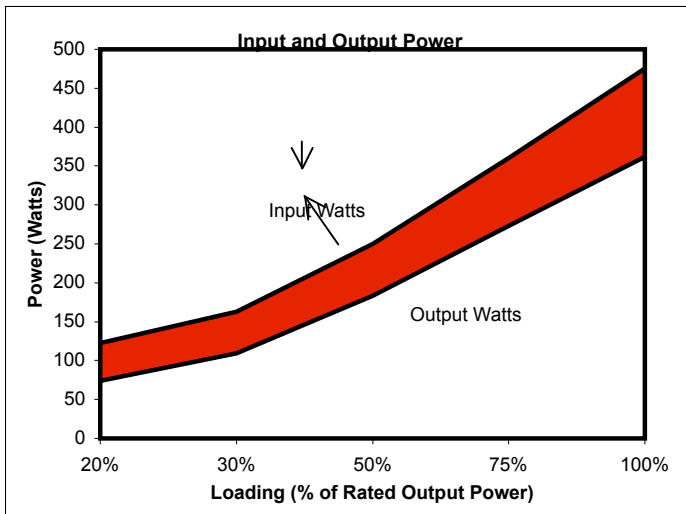
Rated Specifications	Value	Units
Input Voltage	100~127/ 200~240	Volts
Input Current	4.96/2.48	Amps
Input Frequency	50-60	Hz
Combined Max. Output Power on 5V and 3.3V	N/A	Watts
Rated Output Power	350	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input Voltage & AC Current Waveform (ITHD = 17.4% at 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)						Output Watts	Efficiency %
					12V1/16.0	12V2/16.0	5.0/12.0	3.3/16.0	-12.0/0.5	5.0 SB/2.0		
1.09	0.98	14.8%	20%	122	12.5/2.10	12.5/2.10	5.36/1.60	3.68/2.10	-	5.02/1.00	74	60.2%
1.45	0.97	19.2%	30%	163	12.4/3.20	12.4/3.2	5.35/2.39	3.66/3.21	-	5.02/1.00	109	67.0%
2.21	0.98	17.4%	50%	250	12.4/5.50	12.4/5.50	5.32/4.09	3.63/5.53	-	4.99/1.00	183	73.3%
3.22	0.97	21.4%	75%	360	12.4/8.30	12.4/8.30	5.30/6.19	3.60/8.22	-	4.96/1.00	273	75.8%
4.29	0.96	23.3%	100%	475	12.3/11.1	12.3/11.1	5.25/8.28	3.56/11.1	-	4.94/1.00	362	76.1%



These tests were conducted by EPRI PEAC as a part of Lawrence Berkeley National Laboratory's 10-year research initiative/ "roadmap" for Energy Efficient Data Centers. This testing effort was sponsored by PIER (Public Interest Energy Research) program of the California Energy Commission.

The efficiency and other performance characteristics of the power supplies described in these test reports were based on testing of one randomly selected sample of each power supply under the test conditions specified in our test protocols. The objective is to identify the range of efficiencies of server power supplies. We welcome feedback from manufacturers regarding our test protocols and test results. We also encourage manufacturers to submit their own measured data regarding power supply efficiency at the loads specified in the test protocols if these results are not in line with manufacturer test results.